

SEQUENCE LISTING

<110> Centre National de la Recherche Scientifique
<120> Polypeptide inhibiting a proton-gated Na⁺ channel
<130> 7791Prov/PCT
<140> 7791Prov/PCT
<141> 2001-05-10

<150> US 60/203,309
<151> 2000-05-10

<160> 1

<170> PatentIn version 3.0

<210> 1
<211> 40
<212> PRT
<213> Psalmopoeus carmbridgei

<220>
<221> CHAIN
<222> (1)..(40)
<223> Psalmotoxin 1, first potent and specific blocker of
the ASIC1A channels

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Glu Asp Cys Ile Pro Lys Trp Lys Gly Cys Val Asn Arg His Gly
Asp
1 5 10 15

Cys Cys Glu Gly Leu Glu Cys Trp Lys Arg Arg Arg Ser Phe Glu
Val
20 25 30

Cys Val Pro Lys Thr Pro Lys Thr
35 40